

CLAIM SET AS AMENDED

1. (currently amended) A head-up display for a motorcycle, which is adapted to inform a driver of traffic information by display of an image projected on a screen provided in front of a riding position of a driver, wherein when a visual field for a driver who takes a riding posture and turns his or her eyes to the front side is divided into a central field and a peripheral field surrounding said central field, said image is located in said peripheral field on said screen, and wherein said image is a stripe or linear pattern extending in a horizontal direction, **wherein a width of said image in said horizontal direction is determined so that an angle formed between two lines extending from a point in said central field to both ends of said image becomes at least 20°.**

2. (original) The head-up display for a motorcycle according to claim 1, wherein said image is located at a central position of said peripheral field or a position offset to said central field from the central position of said peripheral field.

Claims 3 and 4. (canceled)

5. (Currently Amended) The head-up display for a motorcycle according to claim 1, wherein **the** ~~the~~ width of said image in said horizontal direction satisfies a relationship of $20^\circ \leq \theta_3 < \theta_4$, where:

θ_3 is an angle formed between two lines extending from an uppermost point of said central field to both ends of said image; and

θ_4 is an angle formed between two additional lines extending from a lowermost point of said central field to said both ends of said image.

6. (original) The head-up display for a motorcycle according to claim 1, further comprising a projector which produces said image.

7. (original) The head-up display for a motorcycle according to claim 6, wherein said projector comprises a plurality of light sources aligned in a row.

8. (original) The head-up display for a motorcycle according to claim 6, wherein said projector comprises:

- a plurality of light sources;
- a substrate on which said light sources are mounted;
- a case in which said substrate is located; and
- a lens covering a portion of said case through which light emitted from said light sources passes.

9. (currently amended) The head-up display for a motorcycle according to claim 8, wherein **the** [[a]] width of said image in said horizontal direction satisfies a relationship of $20^{\circ} \leq \theta_3 < \theta_4$, where:

θ_3 is an angle formed between two lines extending from an uppermost point of said central field to both ends of said image; and

θ_4 is an angle formed between two additional lines extending from a lowermost point of said central field to said both ends of said image.

10. (currently amended) A head-up display for a motorcycle, comprising:

- a projector which produces an image; and
- a screen on which said image is displayed, said screen having a peripheral portion located in a peripheral field of view of a driver, said

peripheral field of view being an area outside of a central field of view of the driver, said central field of view extending approximately 6 degrees in a vertical direction as defined for 90% of all drivers in a riding posture on the motorcycle,

wherein said image is displayed in said peripheral field of view, and wherein said image is a stripe or linear pattern extending in a horizontal direction, **wherein a width of said image in said horizontal direction is determined so that an angle formed between two lines extending from a point in said central field to both ends of said image becomes at least 20°.**

11. (original) The head-up display for a motorcycle according to claim 10, wherein said projector comprises a plurality of light sources aligned in a row.

12. (original) The head-up display for a motorcycle according to claim 10, wherein said projector comprises:

- a plurality of light sources;
- a substrate on which said light sources are mounted;
- a case in which said substrate is located; and
- a lens covering a portion of said case through which light emitted from said light sources passes.

13. (original) The head-up display for a motorcycle according to claim 10, wherein said image is located at a central position of said peripheral field of view.

Claims 14 and 15. (canceled.)

16. (currently amended) The head-up display for a motorcycle according to claim 10, wherein **the** ~~the~~ width of said image in said horizontal

direction satisfies a relationship of $20^{\circ} \leq \theta_3 < \theta_4$, where:

θ_3 is an angle formed between two lines extending from an uppermost point of said central field of view to both ends of said image; and

θ_4 is an angle formed between two additional lines extending from a lowermost point of said central field of view to said both ends of said image.

17. (original) The head-up display for a motorcycle according to claim 16, wherein said projector comprises:

a plurality of light sources;

a substrate on which said light sources are mounted;

a case in which said substrate is located; and

a lens covering a portion of said case through which light emitted from said light sources passes.

18. (original) The head-up display for a motorcycle according to claim 17, wherein said plurality of light sources are aligned in a row.

19. (original) The head-up display for a motorcycle according to claim 18, wherein said image is located at a central position of said peripheral field of view.

20. (previously presented) The head-up display for a motorcycle according to claim 1, wherein said screen is a windscreen for the motorcycle, and wherein said windscreen has upper, right, left and bottom side peripheral fields surrounding said central field, and wherein said image is located in said bottom side peripheral field.

21. (previously presented) The head-up display for a motorcycle according to claim 10, wherein said screen is a windscreen for the motorcycle,

and wherein said windscreen has upper, right, left and bottom side peripheral fields surrounding said central field, and wherein said image is located in said bottom side peripheral field.

22. (previously presented) The head-up display for a motorcycle according to claim 1, wherein the traffic information indicates at least one of an approaching vehicle, traffic control signal or guard rail.

23. (currently amended) A head-up display for a motorcycle, comprising:

a receiver for receiving traffic information from a transmitter of at least one of a vehicle or a device fixed to the ground along a roadway;

a control system connected to said receiver;

a projector connected to said control system, which produces an image when said control system determines that certain traffic information has been received by said receiver; and

a screen on which said image is displayed, **wherein said image is displayed in a peripheral field of view, and wherein said image is a stripe or linear pattern extending in a horizontal direction, wherein a width of said image in said horizontal direction is determined so that an angle formed between two lines extending from a point in a central field to both ends of said image becomes at least 20°.**

24. (previously presented) The head-up display for a motorcycle according to claim 23, wherein said image produced by said projector warns the driver of an approaching vehicle, traffic control signal, or guard rail.

25. (previously presented) The head-up display for a motorcycle according to claim 23, wherein said image is a horizontal row of circular images.

26. (previously presented) The head-up display for a motorcycle according to claim 23, further comprising:

an audio signal transmitter connected to said control system, wherein said audio signal transmitter transmits a signal for reception and reproduction by a speaker in a helmet of the driver to audibly warn the driver when said control system determines that certain traffic information has been received by said receiver.